

*Atty. Docket 4119-00400
(formerly 86007.40)*

Patent

CLAIMS

Listings of claims:

1. (Currently Amended) A parking meter, comprising:
a processor to process parking related information;
a clock in communication with the processor;
an antenna coupled to the parking meter for receiving a wireless broadcast data including a time-of-day data based on an atomic clock; and
a receiver communicating with the antenna to demodulate the wireless broadcast data received by the antenna, the processor operable to synchronize the clock based on the time-of-day data; and
~~an interface communicating with the receiver to communicate the wireless broadcast data.~~
2. (Original) The parking meter of Claim 1, wherein the antenna is further defined as a ferrite antenna.
3. (Original) The parking meter of Claim 1, wherein the parking meter is further provided with a printed circuit board coupled to the parking meter and wherein the antenna is further defined as a trace on the printed circuit board.
- 4 – 6. (Cancelled)
7. (Currently Amended) A method of synchronizing a clock on a parking meter, comprising:
intermittently initiating, by a processor of the parking meter, synchronization of the clock;
receiving a wirelessly broadcast data that includes a time-of-day data; and
updating the clock on the parking meter based on the wirelessly broadcast data.

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8. (Original) The method of Claim 7, wherein the time-of-day data is based on an atomic clock.
9. (Original) The method of Claim 7, wherein the time-of-day data is based on a time reference generated by a television signal.
10. (Original) The method of Claim 7, wherein the wirelessly broadcast data is further defined as a wireless internet connection and wherein the time-of-day data is further defined as a time reference based on a standard time measurement device.
11. (Original) The method of Claim 10, wherein the standard time measurement device is an atomic clock.
12. (Currently Amended) A method of synchronizing time circuits on a plurality of parking meters, comprising:
broadcasting, from a non-handheld transmitter, a time signal including a time-of-day data;
unilaterally initiating on an intermittent basis, by a processor of one of the plurality of parking meters, synchronization of a clock on the one of the plurality of parking meters;
receiving the time signal by ~~a~~ at least one of the plurality of parking meters; and
synchronizing ~~a the~~ clock on at least one of the plurality of parking meters based on the time signal.
13. (Original) The method of Claim 12, wherein the time-of-day data is based on an atomic clock.
14. (Original) The method of Claim 12, wherein the time-of-day data is based on a time reference generated by a television signal.

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15. (Original) The method of Claim 12, wherein the method further includes establishing a wireless internet connection.
16. (Original) The method of Claim 15, wherein the time-of-day data is based on an atomic clock.
17. (Currently Amended) A parking meter, comprising:
a housing;
a payment slot coupled to the housing to receive payment for parking;
a processor in communication with the payment slot;
a display communicating with the processor to display a parking information based on payment received via the payment slot;
a clock communicating with the processor, the clock to maintain a time information for use by the parking meter, the processor programmed to unilaterally initiate on an intermittent basis synchronization of the clock;
an antenna to receive an AM signal of a wireless broadcast time data including data based on an atomic clock; and
a receiver to demodulate the wireless broadcast time data, in response to the processor initiating synchronization of the clock. ; and
~~an interface coupled to communicate the wireless broadcast time data to the clock.~~
18. (Cancelled)
19. (Original) The parking meter of Claim 18, wherein the clock is a real-time clock.
- 20 – 24. (Cancelled)
25. (Original) The parking meter of Claim 17, wherein the payment receiving slot is further defined as card reader to receive a smart card.

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26. (Original) The parking meter of Claim 17, wherein the payment receiving slot is further defined as card reader to receive a credit card.

27. (Original) The parking meter of Claim 17, wherein payment slot is further defined as a coin chute for receiving coins and wherein the parking meter further includes a coin box coupled to the coin chute.